

# START Waterproof Twin 1500 IP65 DALI 7100lm 840

Item No: 0067960

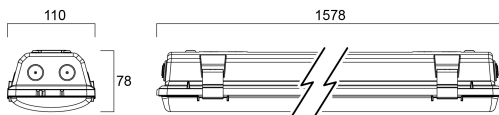
**SYLVANIA**



Start Waterproof, integrated LED weatherproof luminaire, with UV stabilized flat diffuser and linear prisms designed to achieve uniform lit appearance, optimise light output and to reduce glare, 301 stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing, Polycarbonate diffuser, 7050lm, 58W, 122lm/W, 4000K, drive current 700mA, DALI dimmable, CRI80, IP65, IK08, Class I, nominal average life (h):50000, 1578mm x 110mm x 78mm ,energy class: A++ A+ A, D-mark

## Technical Assets

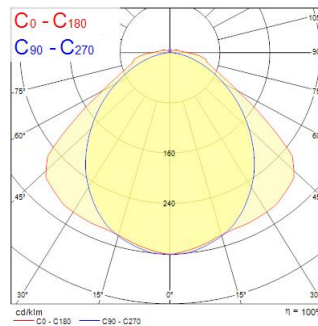
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx]    |
|--------------|-------------------|-------------------|-------------------|---------------------|
| 0.5          | 1.14<br>1.55      | 0.07              | 0.07              | 9000<br>1299<br>731 |
| 1.0          | 2.28<br>3.10      | 0.07              | 0.07              | 2268<br>325<br>183  |
| 1.5          | 3.43<br>4.65      | 0.07              | 0.07              | 1007<br>144<br>80   |
| 2.0          | 4.57<br>6.21      | 0.07              | 0.07              | 567<br>81<br>46     |
| 2.5          | 5.71<br>7.76      | 0.07              | 0.07              | 363<br>51<br>30     |
| 3.0          | 6.85<br>9.31      | 0.07              | 0.07              | 262<br>36<br>23     |

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 114.6°)  
 — C90 - C270 (Half beam angle: 97.6°)



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## General data

|   |   |
|---|---|
| Product name                            | START Waterproof Twin 1500 IP65 DALI 7100lm 840 |
| Technology                              | LED   |
| Housing                                 | PC Polycarbonate                                |
| Fixture rating                          | Enclosed  |
| General application                     | Logistics & Industry                            |
| Operating temperature range (°C)        | -20°C...+40°C                                   |
| Performance ambient temperature Tq (°C) | 25  |
| ETIM Class                              | EC002892  |
| E-number FI                             | 4306958   |
| Warranty                                | 5 years   |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 7050          |
| Luminaire efficacy (lm/W)         | 122           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Glare control                     | < 26          |
| Photobiological Risk Group        | RG0           |

## Electrical data

|  |                        |
|--|------------------------|
| Total power consumption (W)                                      | 58                     |
| Primary Supply/Product voltage - min (V)                         | 220                    |
| Primary Supply/Product voltage - max (V)                         | 240                    |
| Lamp power factor  | 0.98                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 5.6                    |
| Electrical protection  | Class I                |
| Dimmable   | Yes                    |
| Dimming method   | DALI                   |
| Drive current (mA)   | 700                    |
| Nominal Frequency (Hz)   | 50/60Hz                |
| LED Flickering Rate  | Ultra low (5% or less) |
| Max. products per 10A C Breaker                                  | 15                     |
| Max. products per 13A C Breaker                                  | 20                     |
| Max. products per 16A C Breaker                                  | 23                     |
| Max. products per 20A C Breaker                                  | 30                     |
| Max. products per 10A B Breaker                                  | 9                      |
| Max. products per 13A B Breaker                                  | 12                     |
| Max. products per 16A B Breaker                                  | 14                     |
| Max. products per 20A B Breaker                                  | 18                     |

## Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B20 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B20 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 59000 |
| Lifespan L90 B20 | 53000 |
| Lifespan L90 B10 | 50000 |

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## Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | Grey             |
| IP rating                   | IP65             |
| IK rating                   | IK08             |
| Diffuser finish             | Transparent      |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1578             |
| Nominal Product Width (mm)  | 110              |
| Nominal Product Height (mm) | 78               |
| Weight (kg)                 | 2.42             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288679600  |
| Packaging single length / height (cm) | 167.2          |
| Packaging single width (cm)           | 11.6           |
| Packaging single depth (cm)           | 8.4            |
| DUN14 (inner)                         | 05410288679600 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 167.2          |
| Packaging outer width (cm)            | 11.6           |
| Packaging outer depth (cm)            | 8.4            |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -20-40 |
| Dry applications use only        | No     |